

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/EP2004/051217

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 H04L12/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| Y | US 6 571 289 B1 (MONTENEGRO GABRIEL E) 27 May 2003 (2003-05-27) column 1, line 54 – column 2, line 5 column 2, line 62 – column 4, line 13 | 1-23 |
| Y | US 6 253 327 B1 (LOU SHUXIAN ET AL) 26 June 2001 (2001-06-26) column 3, line 7 – line 12 column 4, line 30 – line 47 | 1-23 |
| A | WO 01/72009 A (AT & T CORP) 27 September 2001 (2001-09-27) page 2, line 10 – page 3, line 16; claim 1 | 1-23 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

4 November 2004

11/11/2004

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Information on patent family members

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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| US 6571289 | B1 | 27-05-2003 | AU EP JP WO | 5244299 A 1103128 A1 2002522964 T 0008818 A1 | | 28-02-2000 30-05-2001 23-07-2002 17-02-2000 |
| US 6253327 | B1 | 26-06-2001 | | NONE | | |
| WO 0172009 | A | 27-09-2001 | CA EP WO | 2400623 A1 1264463 A2 0172009 A2 | | 27-09-2001 11-12-2002 27-09-2001 |